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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 62644A US U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/590185 Not Yet Assigned
INTERNATIONAL APPLICATION NO. PCT/US2005/005309	INTERNATIONAL FILING DATE 18 February 2005	PRIORITY DATE CLAIMED 27 February 2004
TITLE OF INVENTION METHOD FOR THE EXTRACTION OF INTRACELLULAR PROTEINS FROM A FERMENTATION BROTH		
APPLICANT(S) FOR DO/EO/US Timothy C. Frank, Felipe A. Donate, Jefry E. Shields, Kai Li, and Jeffrey R. Allen		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. 10/590185 <small>Not Yet Assigned</small>	INTERNATIONAL APPLICATION NO. PCT/US2005/005309	ATTORNEY'S DOCKET NUMBER 62644A US	
20. <input type="checkbox"/> Other items or information: Certificate of Express Mailing Under 37 CFR 1.10 (1 page); Return postcard; Transmittal Letter to the United States Designated-Elected Office (3 pages); Amendment Transmittal Letter (1 page); First Preliminary Amendment (7 pages); Application (28 Pages); Published Application (27 pages); International Search Report (6 pages on 3 sheets double-sided); Written Opinion (4 pages on 2 sheets double-sided), Information Disclosure Statement with copies of Foreign Patent Documents and Non Patent Literature Documents			
The following fees have been submitted		CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300		\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200		\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500		\$ 500.00	
TOTAL OF 21, 22 and 23 =		\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
- 100 =	/50 =		x \$250.00
			\$
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	20 =	0	x
Independent claims	3 =	0	x
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+	
TOTAL OF ABOVE CALCULATIONS =		\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			
SUBTOTAL =		\$ 1,000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	
TOTAL NATIONAL FEE =		\$ 1,000.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$	
		\$	
TOTAL FEES ENCLOSED =		\$ 1,000.00	
		Amount to be refunded:	\$
		Amount to be charged	\$ 1,000.00

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
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A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit
Account No. 04-1512. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information
should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be
filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:


SIGNATURE

Jarett K. Abramson

NAME

CUSTOMER NUMBER: 57272

47,376

REGISTRATION NUMBER

10/590185

IAP6 Rec'd PCT/PTO 18 AUG 2006

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 62644A US

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Dena H. Tuchman

Typed or printed name of person signing Certificate

Registration Number, if applicable

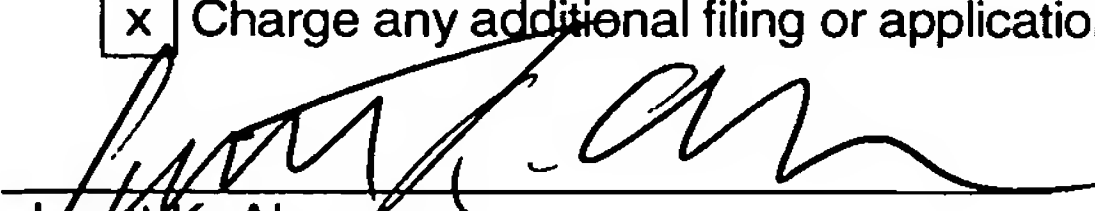

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Information Disclosure Statement with copies of Foreign Patent Documents and
Non Patent Literature Documents

10/590185

!AP6 Rec'd PCT/PTO 18 AUG 2006

AMENDMENT TRANSMITTAL LETTER				Docket No. 62644A US	
Application No. Not Yet Assigned	Filing Date August 18, 2006	Examiner Not Yet Assigned	Art Unit N/A		
Applicant(s): Timothy C. Frank, Felipe A. Donate, Jefry E. Shields, Kai Li, and Jeffrey R. Allen					
Invention: METHOD FOR THE EXTRACTION OF INTRACELLULAR PROTEINS FROM A FERMENTATION BROTH					
TO THE COMMISSIONER FOR PATENTS					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	20	- 20 =	0	x	
Independent Claims	3	- 3 =	0	x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Basic filing fee - Utility; Utility search fee; Utility examination fee					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input checked="" type="checkbox"/> Please charge Deposit Account No. <u>04-1512</u> in the amount of \$ <u>0.00</u> .					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1512</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Jarett K. Abramson Attorney/Agent Reg. No.: 47,376 THE DOW CHEMICAL CO. Customer Number 57272 9330 Zionsville Rd Indianapolis, Indiana 46268 (317) 337-3848				Dated: <u>August 18, 2006</u>	
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 339855295 US, on the date shown below in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.					
Dated: August 18, 2006		Signature:  (Dena H. Tuchman)			